

# INTERNATIONAL SEARCH REPORT

International Application No

CT/IB 03/06309

A. CLASSIFICATION OF SUBJECT MATTER  
IPC 7 H04L12/56

01 JUL 2005

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)  
IPC 7 H04L

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
P, A	WO 03/067954 A (NOKIA CORP ; NOKIA INC (US)) 21 August 2003 (2003-08-21) page 2, line 7 - line 16 page 3, line 16 - page 4, line 4 page 6, line 5 - page 7, line 2 page 7, line 16 - page 8, line 14 page 9, line 27 - page 10, line 23 page 13, line 16 - page 18, line 26 figures 1A-1F	1-9
A	WO 02/39674 A (ERICSSON TELEFON AB L M) 16 May 2002 (2002-05-16) page 4, line 23 - line 26 page 7, line 4 - line 19 page 8, line 10 - page 10, line 4 page 13, line 24 - page 14, line 28 figure 8	1-9

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

### \* Special categories of cited documents :

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
- \*E\* earlier document but published on or after the international filing date
- \*L\* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the international filing date but later than the priority date claimed

- \*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- \*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- \*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- \*G\* document member of the same patent family

Date of the actual completion of the international search

2 June 2004

Date of mailing of the international search report

11/06/2004

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2  
NL - 2280 HV Rijswijk  
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,  
Fax: (+31-70) 340-3016

Authorized officer

Bösch, M

# INTERNATIONAL SEARCH REPORT

International Application No

PCT/IB 03/06309

## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	<p>EP 1 107 522 A (ERICSSON TELEFON AB L M)  13 June 2001 (2001-06-13)  paragraph '0019! - paragraph '0026!  paragraphs '0038!, '0054!  paragraph '0082! - paragraph '0085!  figures 7,8</p> <p>-----</p>	1-9
A	<p>WO 02/25838 A (MICHNOWICZ SIMON GREGORY ;  TELSTRA NEW WAVE PTY LTD (AU))  28 March 2002 (2002-03-28)  page 2, line 6 - line 21  page 6, line 1 - page 7, line 25  page 8, line 20 - page 9, line 16  abstract</p> <p>-----</p>	1-9

# INTERNATIONAL SEARCH REPORT

International Application No

PCT/IB 03/06309

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
WO 03067954	A	21-08-2003	WO 03067954 A2	21-08-2003
WO 0239674	A	16-05-2002	US 2003060222 A1	27-03-2003
			AU 1291102 A	21-05-2002
			WO 0239674 A1	16-05-2002
EP 1107522	A	13-06-2001	EP 1107522 A1	13-06-2001
			AU 2242201 A	12-06-2001
			WO 0141371 A1	07-06-2001
			US 2001029166 A1	11-10-2001
WO 0225838	A	28-03-2002	WO 0225838 A1	28-03-2002
			AU 9149001 A	02-04-2002